

Laboratories NOT Reporting GrF17

Lab Code	Lab Name	Standard
CORE02	STL Denver	GrF
KAST99	Environmental Studies Laboratory	GrF
MSTH99	Radioecology	GrF
NTSI01	Nuclear Technology Services, Inc.	GrF
ODHL01	Ohio Department of Health Laboratory	GrF
RECC01	GEL Laboratories of Ohio, LLC	GrF
SSFL01	Santa Susana Field Laboratory	GrF
URSL01	UNLV Radioanalytical Service Laboratory	GrF

Laboratories Reporting GrF17

Lab Code	Lab Name	Standard
AFOH01	AFIOH/SDRR	GrF
ANLA01	Argonne National Laboratory/Analytical Chemistry Lab.	GrF
ARPL01	Analytical Support Operations - Radiochemical Processing Lab	GrF
ARSL01	American Radiation Services Inc.	GrF
ATLI01	ATL International, Inc.	GrF
AY1201	BWXT Y-12, Analytical Chemistry Organization Laboratory	GrF
CDHS01	California Department of Health Services	GrF
CESL01	Lawrence Livermore National Laboratory - EMRL	GrF
CHMH01	222-S Laboratory	GrF
DEHS01	Department of Environmental Health & Safety	GrF
ENES01	Energy Northwest Environmental Services	GrF
ERCL01	Public Health Laboratories	GrF
ERHD99	Radiation Protection Bureau ERHD NMS	GrF
ERLG01	Environmental Radiation Laboratory	GrF
FDHE01	Florida Dept of Health Environmental Laboratory	GrF
FDOH01	Florida Dept. of Health, Mobile Environmental Radiological Lab	GrF
FMEC99	Food and Environment Monitoring Center	GrF
FNAL01	Fermi National Accelerator Laboratory (FermiLab)	GrF
GENE01	GEL Laboratories, LLC	GrF
GPLP01	GPL Laboratories, LLLP	GrF
HCAL01	Hazards Control Analytical Lab	GrF
HECR01	SC Dept. Health and Environmental Control Radiological	GrF
HERR01	Washington Closure Hanford	GrF
ISUP01	ISU - Department of Physics/Health Physics/EAL	GrF
JAEC99	Radiation Measurements Laboratory	GrF
KSCF01	Kennedy Space Center, HP Laboratory	GrF
LOCK01	ICP Analytical Laboratories Department	GrF
LOCK03	Reactor Technology Complex (RTC) Radioanalytical Laboratory	GrF
MART02	United States Enrichment Corporation	GrF
MART03	Radioactive Material Analysis Laboratory	GrF

MDPH01	MDPH-Radiation Control Program	GrF
NARL01	National Air and Radiation Environmental Laboratory	GrF
NESI01	BWXT Services-Radioisotope & Analytical Chemistry Laboratory	GrF
NJDH01	New Jersey Dept. of Health & Senior Services, PHEL, ECLS	GrF
OBGL01	Life Science Laboratories, Inc.	GrF
ORIS01	ORISE/ESSAP	GrF
OTLI01	Outreach Technologies, Inc.	GrF
PBRF01	NASA Plum Brook Reactor Facility Lab	GrF
QUAN01	STL St. Louis	GrF
QUAN03	SEVERN TRENT LABORATORIES RICHLAND	GrF
RMCL99	Royal Scientific Society - Radiation Measurements Lab	GrF
RPCR01	CH2M Hill RadCon Program Count Room	GrF
RPSC01	Radiation Protection Service	GrF
RSAL01	RSA Laboratories, Inc.	GrF
SCAL01	Sanford Cohen and Associates, Inc.	GrF
SECR01	SECRA ETPP count lab	GrF
SEML01	SRS Environmental Monitoring Laboratory	GrF
SLDL01	Scientific Laboratory Division	GrF
SOUT01	Southwest Research Institute	GrF
SRPD01	Sandia National Laboratories, Radiation Protection Sample	GrF
TDHL01	Texas Department of State Health Services Laboratory	GrF
TELE01	TELEDYNE BROWN ENGINEERING - ENVIRONMENTAL	GrF
TELE02	Environmental, Inc., Midwest Lab	GrF
TMAE01	Eberline Services, Inc.	GrF
TMAO01	EBERLINE SERVICES OAK RIDGE LABORATORY	GrF
TMAR01	Eberline Services	GrF
TNUT01	FUSRAP	GrF
WEST03	Waste Sampling and Characterization Facility	GrF
WEST04	PACE ANALYTICAL SERVICES WALTZ MILL SITE	GrF
WIPP01	WIPP Laboratories	GrF
WSHL01	Wisconsin State Laboratory of Hygiene	GrF
WVDP01	WVDP Environmental Laboratory	GrF
WVPL01	WVDP Radiation Protection Lab	GrF

Setup and Process Data

MAPEP-07-GrF17

Analyte	Ref. Value	Total Ref.	Uncertainty	F.P.	S.E.
Gross alpha	0.601		0.010		
Gross beta	0.441		0.007		

Sample Statistical Summary

MAPEP-07-GrF17

Analyte	T(1)	A(2)	Grand Mean	Standard Deviation	Ref Value	Analyte Text	Acceptance Range	Units
Gross alpha	62	62	0.394	0.231	0.601		>0.0 - 1.202	(Bq/sample)
Gross beta	63	58	0.483	0.067	0.441		0.221 - 0.662	(Bq/sample)

Note: (1) T = Total number of laboratories reporting analyte.
(2) A = Number of laboratories with 'Acceptable' performance.

Gross Alpha Criteria:

Acceptable Result: Bias \leq +/- 100% with a statistically positive result at two standard deviations (Result/Uncertainty > 2 , i.e., the range encompassing the result, plus or minus the total uncertainty at two standard deviations, does not include zero).

Gross Beta Criteria:

Acceptable Result: Bias \leq +/- 50% with a statistically positive result at two standard deviations (Result/Uncertainty > 2 , i.e., the range encompassing the result, plus or minus the total uncertainty at two standard deviations, does not include zero).